

C ARACHIDIC-ACID

Chemid

ARACHIDICACID

ubiquitous

Yes

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abrus precatorius	Seed	--	1350	-0.523657126151877	Wealth of India.
Acanthopanax gracilistylis	Plant	--	--	--	--
Alliaria petiolata	Seed	880	880	-0.5696705086452614	--
Allium cepa	Seed	--	--	--	--
Allium cepa	Seed Oil	--	--		Reddy, P. N., Azeemoddin, G., Rao, S. D. T. 1989. Processing and Analysis of Onionseed (Allium cepa) and its Fixed Oil. J. Amer. Oil Chem. Soc., 66(3): 365.
Ammi visnaga	Plant	--	--	--	--
Angelica archangelica	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Angelica archangelica	Fruit	--	--	--	--
Annona squamosa	Plant	--	--	--	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Arachis hypogaea</i>	Seed	11803	12644	0.5820346650827677	--
<i>Azadirachta indica</i>	Fruit	9360	9360	1.3891147803586739	--
<i>Cannabis sativa</i>	Seed	--	--		--
<i>Cannabis sativa</i>	Plant	--	--		Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of Cannabis sativa L. XVII. A Review of the Natural Constituents. <i>J Natural Products</i> , 43: 169-234.
<i>Capsicum annuum</i>	Fruit	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Capsicum frutescens</i>	Fruit	--	--		--
<i>Carica papaya</i>	Seed Oil	5000	10000	0.12115877505042544	Jim Duke's personal files.
<i>Carica papaya</i>	Flower	--	--		Jim Duke's personal files.
<i>Carica papaya</i>	Fruit	--	--		Jim Duke's personal files.
<i>Carthamus tinctorius</i>	Seed	1000	3130	-0.34939367755991074	--
<i>Carya illinoensis</i>	Leaf	--	--		--
<i>Ceiba pentandra</i>	Seed	2400	4800	-0.1858993184876727	--
<i>Centaurea calcitrapa</i>	Plant	--	--		--
<i>Cistus ladaniferus</i>	Resin, Exudate, Sap	--	--		--
<i>Citrullus colocynthis</i>	Seed	--	--		--
<i>Coffea arabica</i>	Seed	--	--		--
<i>Croton tiglium</i>	Seed	4500	7500	0.07843287881474827	--
<i>Cryptostegia grandifolia</i>	Seed	4040	4040	-0.26030393698761334	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cucumis melo</i>	Cotyledon	10200	55300		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Cucumis melo</i>	Seed	2700	4014	-0.26284935814682187	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Cucurbita maxima</i>	Seed	1100	1100	-0.5481323296058048	--
<i>Cucurbita pepo</i>	Seed	200	3445	-0.31855492120796164	--
<i>Dodonaea viscosa</i>	Seed	2850	10185	0.34129656390993335	--
<i>Elaeis oleifera</i>	Fruit	1450	2500	-0.4648399654118519	--
<i>Elettaria cardamomum</i>	Seed Oil	--	--		--
<i>Eriobotrya japonica</i>	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Erythrina crista-galli</i>	Seed	5345	5345	-0.13254337495810997	--
<i>Fagopyrum esculentum</i>	Seed	459	459	-0.6108867512616759	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
<i>Ficus carica</i>	Seed	2520	3150	-0.3474356612835965	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Frangula alnus</i>	Plant	--	--		--
<i>Ginkgo biloba</i>	Pollen Or Spore	--	--		Jim Duke's personal files.
<i>Gossypium sp</i>	Seed	960	2690	-0.3924700356388237	--
<i>Jatropha curcas</i>	Seed	1800	2880	-0.3738688810138386	--
<i>Juglans nigra</i>	Seed Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Justicia adhatoda</i>	Seed	8000	8000	0.12738328572260396	--
<i>Lactuca scariola</i>	Seed	1091	1091	-0.5490134369301463	--
<i>Lawsonia inermis</i>	Seed	5375	11730	0.49255332125520745	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Lawsonia inermis</i>	Oil	--	96000		--
<i>Lepidium sativum</i>	Seed	2450	3925	-0.27156253057642016	--
<i>Lonicera japonica</i>	Flower	--	--		--
<i>Macadamia spp</i>	Seed	17135	20925	1.3927513042906738	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Maclura pomifera</i>	Fruit	--	--		--
<i>Moringa oleifera</i>	Seed	16600	28195	3.1623085140096574	--
<i>Mucuna pruriens</i>	Seed	65	1385	-0.5202305976683271	--
<i>Nardostachys chinensis</i>	Root	--	--		--
<i>Nigella sativa</i>	Seed Oil	--	1900	-1.2808213362473546	--
<i>Olea europaea</i>	Fruit	300	800	-0.9242748149468218	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Oryza sativa</i>	Seed	--	--		--
<i>Pachyrhizus erosus</i>	Seed	--	--		--
<i>Panax ginseng</i>	Root	--	--		--
<i>Papaver somniferum</i>	Seed	1720	1920	-0.4678536622769215	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Papaver somniferum</i>	Seed Oil	--	--		--
<i>Passiflora edulis</i>	Seed	780	780	-0.5794605900268325	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Phoenix dactylifera</i>	Seed	--	--		Abstract (See species file)
<i>Physalis peruviana</i>	Seed	63	63	-0.6496554735326976	--
<i>Piper nigrum</i>	Fruit	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<i>Pisum sativum</i>	Seed	--	--		--
<i>Prunus cerasus</i>	Seed	2400	3200	-0.34254062059281093	--
<i>Prunus domestica</i>	Seed	21450	23100	1.6056855743398462	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Ptychopetalum olacoides</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pueraria montana</i>	Root	--	--		--
<i>Punica granatum</i>	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Quisqualis indica</i>	Fruit	--	--		--
<i>Robinia pseudoacacia</i>	Seed	990	4390	-0.22603865215211436	--
<i>Salvia sclarea</i>	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sambucus canadensis</i>	Seed	1206	1920	-0.4678536622769215	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Sambucus nigra</i>	Seed	--	--	--	--
<i>Sambucus nigra</i>	Flower	--	--	--	--
<i>Senna obtusifolia</i>	Seed	850	850	-0.5726075330597327	--
<i>Sesamum indicum</i>	Seed	1312	6910	0.020671398663478543	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Silybum marianum</i>	Plant	--	--	--	J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
<i>Silybum marianum</i>	Seed Oil	--	--	--	--
<i>Simarouba glauca</i>	Seed	9240	10085	0.33150648252836223	--
<i>Sinapis alba</i>	Seed	--	--	--	--
<i>Solanum melongena</i>	Seed	--	--	--	--
<i>Strychnos nux-vomica</i>	Seed	2800	3500	-0.3131703764480975	--
<i>Tamarindus indica</i>	Seed	--	--	--	--
<i>Tamarindus indica</i>	Seed Oil	--	--	--	--
<i>Terminalia catappa</i>	Seed	0	4770	-0.18883634290214402	--
<i>Terminalia chebula</i>	Seed Oil	--	--	--	Miglani, B. D., Chawla, A. S. 1974. Chemical Investigation of the Oil of Terminalia chebula. J. Inst. Chem. (Calcutta) 46: 189-.
<i>Teucrium polium</i>	Plant	--	--	--	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Theobroma angustifolium</i>	Seed	19735	51955	4.430613556992199	--
<i>Theobroma bicolor</i>	Seed	4310	4555	-0.20988501787252198	--
<i>Theobroma cacao</i>	Plant	--	--	--	
<i>Thevetia peruviana</i>	Seed	2680	2680	-0.39344904377698087	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Trigonella foenum-graecum</i>	Seed	--	--	--	
<i>Verbascum thapsus</i>	Seed Oil	--	16000	1.1596625611969296	--
<i>Vigna radiata</i>	Seed	117	135	-0.6426066149379663	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vigna unguiculata</i>	Seed	--	86	-0.6474037548149362	--
<i>Vigna unguiculata</i>	Seed	--	86	-0.6474037548149362	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Zea mays</i>	Plant	--	--	--	